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**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT BY
APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Application Number

10/688.79

Filing Date

October 17, 2003

First Named Inventor

Singh, et al.

Group Art Unit

1762

Examiner Name

Unknown

Attorney Docket Number

AMAT/7729/TCG/EPI/RKS

Submission Date

June 14, 2005

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RK	A1	US-6821825 B2	11/23/2004	Todd	
	A2	US-6797558 B2	09/28/2004	Nuttall, et al.	
	A3	US-6562720 B2	05/13/2003	Thiiderkvist, et al.	
	A4	US-6489241 B1	12/03/2002	Thiiderkvist, et al.	
	A5	US-6451119 B2	09/17/2002	Sneh, et al.	
	A6	US-6335280 B1	01/01/2002	van der Jeugd	
	A7	US-6291319 B1	09/18/2001	Yu, et al.	
	A8	US-6159852	12/12/2000	Nuttall, et al.	
	A9	US-6042654	03/28/2000	Comita, et al.	
	A10	US-5906680	05/25/1999	Meyerson	
	A11	US-5273930	12/28/1993	Steele, et al.	
	A12	US-5112439	05/12/1992	Reisman, et al.	
	A13	US-20050079691 A1	04/14/2005	Kim, et al.	
	A14	US-20040253776 A1	12/16/2004	Hoffmann, et al.	
	A15	US-20040226911 A1	11/18/2004	Dutton, et al.	
	A16	US-20040033674 A1	02/19/2004	Todd	
	A17	US-20030189208 A1	10/09/2003	Law, et al.	
	A18	US-20020197831 A1	12/26/2002	Todd, et al.	
	A19	US-20020145168 A1	10/10/2002	Bojarczuk, Jr., et al.	
	A20	US-20020090818 A1	07/11/2002	Thiiderkvist, et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Clte No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
RK	C1	Kamins, et al. "Kinetics of selective epitaxial deposition of Si _{1-x} Ge _x ", Applied Physics Letters, American Institute of Physics. New York, US, vol. 61, no. 6, 10 August 1992, pp. 669-671	
RK	C2	Menon, et al. "Loading effect in SiGe layers grown by dichlorosilane- and silane-based epitaxy". Journal of Applied Physics, American Institute of Physics. New York, US, vol. 90, no. 9, 1 November 2001, pp. 4805-4809	

Date Considered

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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/688,496 ²⁹⁷
				Filing Date	October 17, 2003
				First Named Inventor	Singh, et al.
				Group Art Unit	1762
				Examiner Name	Unknown
				Attorney Docket Number	AMAT/7729/TCG/EPI/RKK
Sheet	2	of	2	Submission Date	June 19, 2005

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
RK	C3	Sedgwick, et al. "Selective SiGe and heavily As doped Si deposited at low temperature by atmospheric pressure chemical vapor deposition", Journal of Vacuum Science and Technology: Part B, American Institute of Physics, New York, US, vol. 11, no. 3, 1 May 1993, pp. 1124-1128	7
RK	C4	Uchino, et al. "A Raised Source/Drain Technology Using In-situ P-doped SiGe and B-doped Si for 0.1 μm CMOS ULSIs", Electron Devices Meeting, 1997. Technical Digest, International Washington, DC, USA 7-10 Dec. 1991, New York, NY, USA, IEEE, US, 7 December 1997, pp. 479-482	

Examiner <u>/Robert Kunemund/</u>	Date Considered <u>08/31/2006</u>
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